### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

## (19) World Intellectual Property Organization

International Bureau



# 

(43) International Publication Date 18 August 2005 (18.08.2005)

**PCT** 

# (10) International Publication Number WO 2005/076154 A1

(51) International Patent Classification<sup>7</sup>:

G06F 17/30

(21) International Application Number:

PCT/IB2004/052913

(22) International Filing Date:

23 December 2004 (23.12.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 04100044.9

9 January 2004 (09.01.2004) E

(71) Applicant (for all designated States except US): KONIN-KLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

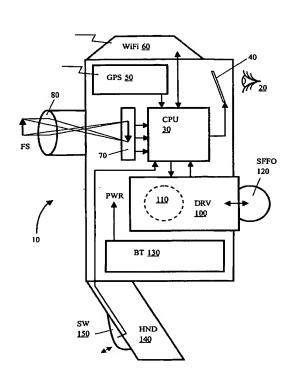
(72) Inventors; and

(75) Inventors/Applicants (for US only): LUITJENS, Steven, B. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LI, Feng [CN/CN]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WEI, Gongming [CN/CN]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). YOU, Wenying [CN/CN]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HE, Darwin [CN/CN]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). FONTIJN, Wilhelmus, F., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

- (74) Agents: GROENENDAAL, Antonius, W., M. et al.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: METHOD OF AUTOMATICALLY INCLUDING CONTEXT RELATED LINKS



(57) Abstract: There is provided a method of automatically including one or more context related links in association with scene data content. The method is distinguished in that involves providing a recording apparatus including: (i) a data store for reading and/or writing data content; (ii) a sensor for sensing audio and/or visual subject matter from a scene and generating corresponding scene data content; (iii) identifying components for use in identifying a spatial location of the apparatus in proximity of the scene and/or an identity of the scene; (iv) a microprocessor for co-ordinating operation of the data store, the sensor and the identifying components. The method involves the steps of: (b) arranging for the data store to include link data susceptible to being invoked to associate one or more spatial locations and/or scene identities with corresponding linkable data content; (c) activating the apparatus in proximity of a desired scene and receiving audio and/or visual subject matter therefrom to generate corresponding desired scene data content; (d) using the identifying components to determine a spatial location of the apparatus in proximity of the desired scene and/or an identity of the desired scene; (e) identifying one or more links in the link data associated with the spatial location and/or identity determined in step (d) and recording them automatically together in the data store with at least one of the desired scene data content derived from step (c) and the spatial location and/or identity from step (d). The one or more links are concurrently and/or subsequently susceptible to being invoked to include corresponding linkable data content with the scene data to generate final composite data content.

### WO 2005/076154 A1



FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

### **Declaration under Rule 4.17:**

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA,

ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

### Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.